Maine Weekly Influenza Surveillance Report
February 20, 2018

For MMWR week 7 (ending 2/17/2018)

New This Week
- Federal Flu Code: Widespread
- 115 new hospitalizations
- 11 new outbreaks

Surveillance Information – Maine, 2017-2018 Influenza Season
- Number of ILINet Providers reporting: 21
  - % of visits for Influenza-Like Illness (ILI): 1.55
- Syndromic Surveillance
  - % of Emergency Room visits for ILI: 6.1
  - % of Emergency Medical Services (EMS) runs for ILI: 2.2
- Influenza Hospitalizations
  - # of hospitalizations: 115
- Electronic Death Reporting System
  - % of deaths due to P&I: 6.5
Lab Data – Maine, 2017-2018 Influenza Season

- # of samples tested at HETL: 55
  - # positive: 18
  - % positive: 32.7
- # of samples tested at Maine Reference Labs: 1,117
  - # positive: 279
  - % positive: 26.6
- # of samples positive by rapid antigen test: 293

Positive PCR Samples for Influenza, HETL – Maine, 2017-18

Positive Samples for Influenza, Maine Reference Labs – Maine, 2017-18

Positive Influenza Rapid Antigen Tests – Maine, 2017-18

All Positive Influenza Results – Maine 2017-18

Cumulative Influenza Positive Tests Reported to Maine CDC by Strain and Test Type

All data is preliminary and subject to change
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Antigenic Characterization (Vaccine Strain Match)

- Federal CDC has antigenically or genetically characterized 1,562 influenza viruses from October 1 – February 10, 2018.
  - 100% of influenza A/H1N1 samples match the vaccine strain
  - 98.0% of influenza A/H3N2 samples match the vaccine strain
  - 54.9% of influenza B/Victoria samples match the vaccine strain
  - 100% of influenza B/Yamagata samples match the vaccine strain
- Antigenic characterization shows if the circulating strains are the same strains that were used to make the vaccine. This does not tell you how effective the vaccine is at creating an immune response. For current vaccine effectiveness rates visit https://www.cdc.gov/mmwr/volumes/67/wr/mm6706a2.htm.

Influenza-Like Illness Outbreaks – Maine, 2017-18 Influenza Season

- # new outbreaks: 11
- Total outbreaks 2017-18 season: 104

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*All data is preliminary and subject to change*
Influenza Deaths
This number represents the number of individuals who had influenza specifically listed on their death certificate. This is likely an underrepresentation of the true burden as many influenza-associated deaths are due to secondary infections which is why the Pneumonia and Influenza (P&I) death information is on page 1 of this report.
- # deaths reported this week: 2
- Total influenza deaths 2017-18 season: 48

Pediatric Influenza Deaths
- No pediatric influenza-associated deaths reported in Maine during the 2017-18 influenza season

National Influenza Surveillance Data
Source: [http://www.cdc.gov/flu/weekly/](http://www.cdc.gov/flu/weekly/)

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*This map indicates geographic spread and does not measure the severity of influenza activity.
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